

Section II  
Soil and Site Information

Construction Materials Table 2  
Deuel County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArA: Arvilla-----	95	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.34	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.50
ArB: Arvilla-----	95	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.34	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.50
ArC: Arvilla-----	95	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.34	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.50
AvD: Arvilla-----	55	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.34	Good		Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.50 0.63
Sioux-----	35	Poor Too sandy Droughty Low content of organic matter	0.00 0.10 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.63
BaB: Barnes-----	90	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BcB: Barnes-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
Buse-----	25	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
BcC: Barnes-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
Buse-----	25	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
BcE: Barnes-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Slope Low strength Shrink-swell	0.50 0.78 0.87	Poor Slope Carbonate content	0.00 0.92
Buse-----	35	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Slope Shrink-swell	0.22 0.50 0.87	Poor Slope	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BeE: Barnes-----	35	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Slope Carbonate content	0.63 0.92
Buse-----	25	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Slope Shrink-swell	0.22 0.50 0.87	Poor Slope	0.00
Southam-----	25	Fair Too clayey Carbonate content Water erosion	0.76 0.92 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey Salinity	0.00 0.76 0.88
BgD: Barnes-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Slope Carbonate content	0.37 0.92
Buse-----	25	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope	0.37
Svea-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
BkA: Barnes-----	70	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Svea-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
BkB: Barnes-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
Svea-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
BmC: Barnes-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
Svea-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Buse-----	20	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
BnD: Barnes-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Svea-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Buse-----	20	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope	0.63
Bp: Brandt-----	95	Fair Water erosion	0.90	Poor Low strength Shrink-swell	0.00 0.98	Poor Hard to reclaim	0.00
Br: Brookings-----	95	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
BtE: Buse-----	90	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
BvE: Buse-----	55	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Barnes-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell Slope	0.78 0.87 0.92	Poor Slope Carbonate content	0.00 0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BxE: Buse-----	50	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Poor Slope  Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Lamoure-----	30	Fair Water erosion  Too clayey	0.90 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00 0.99
Ca: Castlewood-----	95	Poor Too clayey	0.00	Poor Low strength  Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey	0.00 0.00
Cu: Cubden-----	95	Fair Water erosion  Carbonate content	0.90 0.92	Poor Low strength  Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone Carbonate content	0.91 0.92
DcA: Darnen-----	90	Good		Poor Low strength Shrink-swell	0.00 0.98	Good	
DcB: Darnen-----	95	Good		Poor Low strength Shrink-swell	0.00 0.98	Good	

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dv: Divide-----	90	Fair Carbonate content  Low content of organic matter	0.46  0.50	Fair Depth to saturated zone	0.91	Fair Hard to reclaim  Carbonate content  Depth to saturated zone Rock fragments	0.18  0.46  0.91 0.97
ECB: Eckman-----	90	Fair Water erosion	0.90	Good		Good	
EgA: Egeland-----	60	Fair Low content of organic matter	0.12	Good		Good	
Embden-----	30	Good		Good		Good	
EgB: Egeland-----	60	Fair Low content of organic matter	0.12	Good		Good	
Embden-----	30	Good		Good		Good	
EsA: Estelline-----	95	Fair Water erosion	0.90	Poor Low strength	0.00	Good	
EsB: Estelline-----	95	Fair Water erosion	0.90	Poor Low strength	0.00	Good	
FeA: Fordville-----	95	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.18

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FeB: Fordville-----	95	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.18
FgB: Fordville-----	60	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.18
Renshaw-----	35	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.85	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
FmA: Forman-----	70	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Aastad-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
FmB: Forman-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	



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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FtC: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Buse-----	25	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
FtD: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope Carbonate content	0.37 0.97
Buse-----	25	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope	0.37
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Fx: Fossum-----	95	Poor Too sandy Droughty	0.00 0.92	Poor Depth to saturated zone	0.00	Poor Too sandy Depth to saturated zone	0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Fy: Fulda-----	95	Poor Too clayey	0.00	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
Hm: Hamerly-----	65	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.99	Fair Low strength Shrink-swell Depth to saturated zone	0.22 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.80 0.91
Badger-----	30	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.36	Poor Too Clayey Depth to saturated zone	0.00 0.14
HtA: Hegne-----	60	Poor Too clayey Low content of organic matter Carbonate content	0.00 0.12 0.80	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone Carbonate content	0.00 0.00 0.80
Fulda-----	30	Poor Too clayey	0.00	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
KrA: Kranzburg-----	70	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Brookings-----	20	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
KrB: Kranzburg-----	50	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Brookings-----	40	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
KrC: Kranzburg-----	60	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Brookings-----	30	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
La: La Prairie-----	95	Fair Carbonate content	0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Ld: Ladelle-----	90	Good		Poor Low strength Shrink-swell	0.00 0.94	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lm: Lamoure-----	95	Fair Water erosion  Too clayey	0.90  0.99	Poor Low strength  Depth to saturated zone Shrink-swell	0.00  0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00  0.99
Lp: Lamoure-----	60	Fair Water erosion  Too clayey	0.90  0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00  0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00  0.99
La Prairie-----	25	Fair Carbonate content	0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Lr: Lamoure-----	60	Fair Water erosion  Too clayey	0.90  0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00  0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00  0.99
Rauville-----	25	Fair Too clayey	0.98	Poor Depth to saturated zone Low strength Shrink-swell	0.00  0.00 0.98	Poor Depth to saturated zone Too Clayey	0.00  0.98
Lw: Lowe-----	90	Fair Low content of organic matter Carbonate content	0.50  0.68	Poor Depth to saturated zone Shrink-swell	0.00  0.87	Poor Depth to saturated zone Carbonate content	0.00  0.68
M-W: Miscellaneous Water-	100	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MdE: Maddock-----	90	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.88 0.97	Fair Slope	0.98	Poor Too sandy Slope	0.00 0.00
Mg: Marysland-----	95	Fair Low content of organic matter Carbonate content	0.12 0.68	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Carbonate content Hard to reclaim	0.00 0.68 0.92
Mk: Mcintosh-----	65	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.53 0.87	Fair Carbonate content Depth to saturated zone	0.46 0.53
Badger-----	25	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.36	Poor Too Clayey Depth to saturated zone	0.00 0.14
Mn: Mcintosh-----	65	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.53 0.87	Fair Carbonate content Depth to saturated zone	0.46 0.53
Lamoure-----	25	Fair Water erosion Too clayey	0.90 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00 0.99

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Mr: Moritz-----	65	Fair Carbonate content	0.92	Poor Low strength	0.00	Fair Depth to saturated zone	0.76
				Depth to saturated zone	0.76	Carbonate content	0.92
				Shrink-swell	0.92		
Lamoure-----	25	Fair Water erosion	0.90	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Too clayey	0.99	Low strength	0.00	Too Clayey	0.99
				Shrink-swell	0.87		
NsC: Nutley-----	55	Poor Too clayey	0.00	Poor Shrink-swell	0.00	Poor Too Clayey	0.00
		Carbonate content	0.99	Low strength	0.00	Slope	0.96
						Carbonate content	0.99
Sinai-----	35	Poor Too clayey	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.00		
		Water erosion	0.90				
Od: Oldham-----	95	Poor Too clayey	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		Water erosion	0.99	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Shrink-swell	0.16		
Ok: Orthents, Gravelly--	95	Fair Low content of organic matter	0.12	Poor Slope	0.00	Poor Rock fragments	0.00
		Too sandy	0.14			Slope	0.00
		Droughty	0.29			Too sandy	0.14
						Hard to reclaim	0.18

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Or: Orthents, Loamy-----	95	Fair Low content of organic matter Water erosion	0.12 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Pa: Parnell-----	95	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00
Pc: Parnell-----	55	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00
Vallars-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Depth to saturated zone Low strength	0.00 0.22	Poor Depth to saturated zone Carbonate content	0.00 0.95
PeA: Peever-----	95	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00
PeB: Peever-----	95	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pg: Peever-----	65	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00
Cavour-----	25	Poor Too clayey Low content of organic matter Salinity Sodium content Carbonate content Water erosion	0.00 0.12 0.50 0.90 0.99 0.99	Poor Low strength Shrink-swell	0.00 0.47	Poor Too Clayey Salinity Sodium content	0.00 0.00 0.90
Pm: Playmoor-----	90	Fair Salinity Sodium content	0.88 0.97	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Salinity	0.00 0.00
PoC: Poinsett-----	95	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Good	
PwA: Poinsett-----	70	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Good	
Waubay-----	20	Fair Water erosion Carbonate content Too clayey	0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98



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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PwB: Poinsett-----	60	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Good	
Waubay-----	30	Fair Water erosion Carbonate content Too clayey	0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
Rc: Rauville-----	95	Fair Too clayey	0.98	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.98	Poor Depth to saturated zone Too Clayey	0.00 0.98
ReA: Renshaw-----	95	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.85	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
ReB: Renshaw-----	95	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.85	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
RsB: Renshaw-----	60	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.85	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sioux-----	30	Poor Too sandy Droughty Low content of organic matter	0.00 0.10 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
RtA: Rentill-----	90	Fair Too sandy Low content of organic matter Carbonate content Water erosion	0.02 0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.76	Poor Rock fragments Too sandy	0.00 0.02
SbA: Sinai-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
SbB: Sinai-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
ShA: Singsaas-----	60	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Waubay-----	30	Fair Water erosion Carbonate content Too clayey	0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
ShB: Singsaas-----	60	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Waubay-----	25	Fair Water erosion Carbonate content Too clayey	0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
SkF: Sioux-----	65	Poor Too sandy Droughty Low content of organic matter	0.00 0.10 0.12	Poor Slope	0.00	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.00
Arvilla-----	30	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.34	Fair Slope	0.50	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.50
SnD: Sioux-----	55	Poor Too sandy Droughty Low content of organic matter	0.00 0.10 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.37
Renshaw-----	35	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.85	Good		Poor Rock fragments Hard to reclaim Too sandy Slope	0.00 0.08 0.14 0.37
So: Southam-----	95	Fair Too clayey Carbonate content Water erosion	0.76 0.92 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey Salinity	0.00 0.76 0.88

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SwA: Svenoda-----	95	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.98	Good	
SwB: Svenoda-----	95	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.98	Good	
Vc: Vallars-----	95	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Depth to saturated zone Low strength	0.00 0.22	Poor Depth to saturated zone Carbonate content	0.00 0.95
VrA: Vienna-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99
Brookings-----	30	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
VtB: Vienna-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Brookings-----	30	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
VwC: Vienna-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99
Buse-----	30	Poor Low content of organic matter Carbonate content Water erosion	0.00 0.80 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
VzB: Vienna-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99
Kranzburg-----	30	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Barnes-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
W: Water-----	100	Not rated		Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZrC: Zell-----	60	Fair Low content of organic matter Water erosion Carbonate content	0.12  0.90 0.97	Good		Fair Slope	0.96
Eckman-----	30	Fair Water erosion	0.90	Good		Good	

